

What Is Claimed Is:

1. An automatic printing restriction and control method for an image processing device which comprises a facsimile communication unit capable of handling plural communication methods including facsimile communications via Internet, and prints out documents received by the facsimile communication unit, comprising:

presetting whether or not automatic printing of received documents is to be implemented, separately with respect to each of the plural communication methods; and  
restricting and controlling implementation of automatic printing of received documents in accordance with the settings.

2. The automatic printing restriction and control method according any one of claim 1, wherein it is checked whether or not the received document is a color document, and

implementation of automatic printing of the received document is restricted and controlled in accordance with the settings when the received document is determined to be a color document as a result of the check.

3. An automatic printing restriction and control method for an image processing device which comprises a facsimile communication unit capable of handling plural communication methods including facsimile communications via Internet, and prints out documents received by the facsimile communication unit, comprising:

presetting prescribed condition information for determining whether or not a received document is subject to permission for automatic printing; and

implementing automatic printing of a document received in the communication, when the contents of transmission identification information transmitted by the sender are checked on the basis of the preset prescribed condition information, and it is determined that the document received in the communication is subject to permission for automatic printing.

4. The automatic printing restriction and control method according any one of claim 3, wherein it is checked whether or not the received document is a color document, and

implementation of automatic printing of the received document is restricted and controlled in accordance with the settings when the received document is determined to be a color document as a result of the check.

5. An automatic printing restriction and control method for an image processing device which comprises a facsimile communication unit capable of handling plural communication methods including facsimile communications via Internet, and prints out documents received by the facsimile communication unit, comprising:

setting whether or not automatic printing of received documents is to be implemented, separately with respect to each of the plural communication methods and presetting prescribed condition information for determining whether or not a received document is subject to permission for automatic printing;

restricting implementation of automatic printing of a received document in accordance with the setting indicating whether or not automatic printing of received documents is to be implemented, separately with respect to each of the plural communication methods, and;

implementing automatic printing of a document received in the communication when the contents of transmission identification information transmitted by the sender are checked on the basis of the set prescribed condition information and it is determined that the document received in the communication is subject to permission for automatic printing, even if it has been set not to be printed out automatically by the settings for the communication methods.

6. The automatic printing restriction and control method according any one of claim 5, wherein it is checked whether or not the received document is a color document, and

implementation of automatic printing of the received document is restricted and controlled in accordance with the settings when the received document is determined to be a color document as a result of the check.

7. - A document reception control method for an image processing device that comprises a communication unit which performs facsimile communications via Internet, and prints out documents received by the communication unit, comprising:

presetting prescribed condition information for determining whether or not a communication is subject to permission for document reception; and

implementing reception of a document contained in the communication when the contents of the transmission identification information transmitted by the sender are checked on the basis of the established prescribed condition information prior to receiving the document, and the communication is judged to be subject to permission for document reception.

8. The document reception control method according to claim 7, wherein it is judged whether or not the communication has passed an authorization procedure, or whether or not the communication is of high urgency or priority; and

reception of a document is implemented, without determining whether or not the document is subject to permission for document reception, if it is determined as a result of the judgement that the communication has passed an authorization procedure, or that the communication is of high urgency or priority.

9. An image processing device that comprises a facsimile communication unit capable of handling plural communication methods including facsimile communications via Internet, and prints out documents received by the facsimile communication unit, comprising:

a setting unit which sets whether or not automatic printing of received documents is to be implemented, separately with respect to each of the plural communication methods; and

an automatic printing restriction and control unit which restricts and controls execution of automatic printing of received documents in accordance with the settings of the setting unit.

10. The image processing device claim 9, further comprising a checking unit which checks whether or not the received document is a color document, wherein the

automatic printing restriction and control unit restricts and controls implementation of automatic printing of a received document in accordance with the settings, when the received document is determined to be a color document as a result of the check performed by the checking unit.

11. The image processing device according to claim 9, wherein the plural communication methods include G3 facsimile communications, G4 facsimile communications, Store & Forward communications conforming to the procedure of ITU-T Recommendation T.37, and Real time communications conforming to the procedure of ITU-T Recommendation T.38; and

the setting unit sets whether or not to implement automatic printing of received documents, separately for the G3 and G4 facsimile communications, the Store & Forward communications conforming to the procedure of ITU-T Recommendation T.37, and the Realtime communications conforming to the procedure of ITU-T Recommendation T.38.

12. An image processing device that comprises a communication unit which performs facsimile communications via Internet, and prints out documents received by the communication unit; comprising:

a setting unit which presets prescribed conditions information for determining whether or not a received document is subject to permission for automatic printing;

a storing unit which stores transmission identification information transmitted by the sender;

a judging unit which checks the contents of the transmission identification information stored in the storing unit on the basis of the prescribed condition information set by the setting unit, and judges whether or not a document received in a communication is subject to permission for automatic printing; and

an automatic printing restriction and control unit which implements automatic printing of a document received in the communication if it is judged by the judging unit to be subject to permission for automatic printing.

13. The image processing device claim 12, further comprising a checking unit which checks whether or not the received document is a color document, wherein the

automatic printing restriction and control unit restricts and controls implementation of automatic printing of a received document in accordance with the settings, when the received document is determined to be a color document as a result of the check performed by the checking unit.

14. The image processing device according to claim 12, wherein the prescribed condition information is instruction information instructing that a document received in a communication having passed an authorization procedure is to be permitted for automatic printing; and

the determining unit checks authorization information contained in the stored transmission identification information on the basis of the instruction information and determines that the document received in the communication is subject to permission for automatic printing, if the communication is one having passing an authorization procedure.

15. The image processing device according to claim 12, wherein the prescribed condition information is instruction information instructing that a document received in a communication of high urgency or importance is to be permitted for automatic printing is permitted for; and

the determining unit checks priority information contained in the stored transmission identification information on the basis of the instruction information and determines that the document received in the communication is subject to permission for automatic printing, if the communication is of high urgency or importance.

16. The image processing device according to claim 12, wherein the prescribed condition information is instruction information instructing that a document received in a communication having a previously specified user name is to be permitted for automatic printing; and

the determining unit checks user name information contained in the stored transmission identification information on the basis of the instruction information and determines that the received document is subject to permission for automatic printing, if the communication is one having a previously specified user name.

17. The image processing device according to claim 12, wherein the prescribed condition information is instruction information instructing that a document received in a communication having a previously specified organization name or domain name is to be permitted for automatic printing; and

the determining unit checks organization name or domain name information contained in the stored transmission identification information on the basis of the instruction information and determines that the received document is subject to permission for automatic printing, if the communication is one having a previously specified organization name or domain name.

18. The image processing device according to claim 12, wherein the prescribed condition information is instruction information instructing that a document received in a communication having a previously specified telephone number is to be permitted for automatic printing; and

the determining unit checks telephone number information contained in the stored transmission identification information on the basis of the instruction information and determines that the received document is subject to permission for automatic printing, if the communication is one having a previously specified telephone number.

19. The image processing device according to claim 12, wherein the prescribed condition information is instruction information instructing that a document received in a communication having a previously specified user name is to be refused of automatic printing; and

the determining unit checks user name information contained in the stored transmission identification information on the basis of the instruction information and determines that the received document is subject to refusal of automatic printing, if the communication is one having a previously specified user name.

20. The image processing device according to claim 12, wherein the prescribed condition information is instruction information instructing that a document received in a communication having a previously specified organization name or domain name is to be refused of automatic printing; and

the determining unit checks organization name or domain name information contained in the stored transmission identification information on the basis of the instruction information and determines that the received document is subject to refusal of automatic printing, if the communication is one having a previously specified organization name or domain name.

21. The image processing device according to claim 12, wherein the prescribed condition information is instruction information instructing that a document received in a communication having a previously specified telephone number is to be refused of automatic printing; and

the determining unit checks telephone number information contained in the stored transmission identification information on the basis of the instruction information and determines that the received document is subject to refusal of automatic printing, if the communication is one having a previously specified telephone number.

22. An image processing device that comprises a communication unit which performs facsimile communications via Internet, and prints out documents received by the communication unit, comprising:

a setting unit which presets prescribed condition information for determining whether or not a communication is subject to permission for document reception;

a storing unit which stores transmission identification information transmitted by the sender, prior to receiving a document;

a judging unit which checks the contents of the transmission identification information stored in the storing unit on the basis of the prescribed condition information set by the setting unit, and judges whether or not the communication is one which is subject to permission for document reception; and

a document reception control unit which implements reception of a document in the communication if the judging unit judges that the communication is subject to permission for document reception.

23. The image processing device according to claim 22, wherein the prescribed condition information is instruction information instructing that a document received in a

communication having a previously specified user name is to be permitted for reception;  
and

the determining unit checks user name information contained in the stored transmission identification information on the basis of the instruction information and determines that a document in the communication is subject to permission for reception, if the communication is one having a previously specified user name.

24. The image processing device according to claim 22, wherein the prescribed condition information is instruction information instructing that a document received in a communication having a previously specified organization name or domain name is to be permitted for reception; and

the determining unit checks organization name or domain name information contained in the stored transmission identification information on the basis of the instruction information and determines that a document in the communication is subject to permission for reception, if the communication is one having a previously specified organization name or domain name.

25. The image processing device according to claim 22, wherein the prescribed condition information is instruction information instructing that a document received in a communication having a previously specified telephone number is to be permitted for reception; and

the determining unit checks telephone number information contained in the stored transmission identification information on the basis of the instruction information and determines that a document in the communication is subject to permission for reception, if the communication is one having a previously specified telephone number.

26. The image processing device according to claim 22, wherein the prescribed condition information is instruction information instructing that a document received in a communication having a previously specified user name is to be refused of reception; and

the determining unit checks user name information contained in the stored transmission identification information on the basis of the instruction information and



determines that a document in the communication is subject to refusal of reception, if the communication is one having a previously specified user name.

27. The image processing device according to claim 22, wherein the prescribed condition information is instruction information instructing that a document received in a communication having a previously specified organization name or domain name is to be refused of reception; and

the determining unit checks organization name or domain name information contained in the stored transmission identification information on the basis of the instruction information and determines that a document in the communication is subject to refusal of reception, if the communication is one having a previously specified organization name or domain name.

28. The image processing device according to claim 22, wherein the prescribed condition information is instruction information instructing that a document received in a communication having a previously specified telephone number is to be refused of reception; and

the determining unit checks telephone number information contained in the stored transmission identification information on the basis of the instruction information and determines that a document in the communication is subject to refusal of reception, if the communication is one having a previously specified telephone number.

29. The image processing device according to claim 22, further comprising a judging unit which judges whether the communication has passed an authorization procedure, or whether it is a communication of high urgency or priority;

wherein the judgement process of the judging unit and control of document reception by the document reception control unit is prohibited and document reception is implemented, if it is determined as a result of the judgement by the judging unit that the communication has passed an authorization procedure, or is of high urgency or priority.